## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit

Examiner Serial No.

: 10/585,540

Filed Inventors : July 10, 2006

: Matthieu Perreira da Silva : Christelle Leder-Andres

Title

: PROCESS FOR IMPROVEMENT

: OF FINGERPRINT IMAGES

Confirmation No.:

Dated: September 27, 2006

Docket No.: BDM-06-1201

Customer No.: 035811

## **INFORMATION DISCLOSURE STATEMENT**

**Mail Stop PCT** 

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The publications listed on the attached Form PTO-1449 are identified in the International Search Report attached to the PCT Application as published under No. WO 2005/071602. This communication is submitted for the Examiner's convenience.

The Applicants respectfully request that this Information Disclosure Statement be officially entered into the file and that appropriate notification be made that it was considered by the Examiner during prosecution.

Respectfully submitted,

T. Daniel Christenbury Reg. No. 31,750

Attorney for Applicants

TDC:lh (215) 656-3381

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE					ATTY. DOCKET NO. BDM-06-1201		SERIAL NO. 10/585,540			
					APPLICANTS					
LIST OF PUBLICATIONS CITED BY APPLICANT					Matthieu Perreira da Silva et al.  FILING DATE GROUP					
(Use several sheets if necessary)					July 10, 2006					
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NA	AME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	АА	US 5,926,555 A	07/20/99	Jan	nes R. Ort et al.					
	AB									
	AC									
	AD			_						
	AE			_						
	AF			_						
	AG									
	AH									
	AI					-		<u> </u>		
	AJ									
	AK									
	AL									
	AM									
FOREIGN PATENT DOCUMENTS										
		DOCUMENT NUMBER	DATE		MATTEN	CLACC	CLIDCLACE	TRANSLAT		
	AN	DOCUMENT NUMBER  WO 03/079274 A1	DATE 09/25/03	PC	UNTRY	CLASS	SUBCLASS	YES	NO	
	AO	WO 03/079274 AT	09/23/03	FC	.1	•		X		
	AP									
	AQ									
	AR									
OTHER PUBLICATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)										
	AS	Toshio Kamei et al., "Image Filter Design For Fingerprint Enhancement", Proceedings International Symposium on Computer Vision (Cat. No.								
	AT	Lin Hong et al., "Fingerprint Image Enhancement: Algorithm and Performance Evaluation", IEEE Transactions on Pattern Analysis and Machine Intelligence, IEEE, Inc., New York, US, Vol. 20, No. 8, 1 August 1998, pages 777 – 789, XP 000774452								
	AU	Jiang Xudong, "Fingerprint Image Ridge Frequency Estimation by Higher Order Spectrum", Proceedings 2000 International Conference on Image Processing (Cat. No. 00CH37101), IEEE, Piscataway, NJ, USA, Vol. 1, 10 September 2000, pages 462 – 465, XP 010530651								
	AV	B.R. Okombi-Diba et al., "Segmentation of Spatially Variant Image Textures", Pattern Recognition 2002 Proceedings, 16th International Conference Quebec City, Que., Canada, 11–15/08/02, Los Alamitos, CA, USA, IEEE Comput. Soc. 11 Aug. 2002, pp. 917–920, XP 010614029								
	AW	C. Klimanee et al., "On the Design of 2-D Gabor Filtering of Fingerprint Images", Conference Proceedings Article, 5 January 2004, pages 430 – 435, XP 010696866								
EXAMINER					DATE CONSIDERED					
*EXAMINER: Initial if publication considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not										
considered. Include copy of this form with next communication to Applicant.										